GOVERNMENT OF INDIA
OCEAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:3353
ANSWERED ON:06.08.2002
INDIA SPECIFIC GLOBAL OCEAN OBSERVATION SYSTEM
AMBATI BRAHMANAIAH

Will the Minister of OCEAN DEVELOPMENT be pleased to state:

(a) whether the Government have proposals to initiate an India-specific `Global Ocean Observation System` to meet the marine data needs of the country:

(b) if so, the manner in which the government propose to develop such data;

(c) whether 40 data abuoys, their installation and annual maintenance costs;

(d) if so, the cost of such buoys, their installation and annual maintenance costs; and

(e) the likely benefits of this new system to Indian shipping and fishing industries?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT , MINISTER OF SCIENCE AND TECHNOLOHYAND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

(a) & (b) The Department of Ocean Development has as on going Ocean Observation System programme which is termed as India`s specific Global Ocean Observation system..The programme is operational since 1997-98 and 12 moored ocean data buoys have been deployed. Data on wind, humidity, air and water temperature, waves etc., are collected by these buoys.

(c)&(d) Yes, Sir. The programme envisages deploynment of additional 40 data buoys during the 10th Plan period. The cost of thise buoys is approximately Rs. 26 crores. The installation and maintenance costs is estimated to be Rs. 21 crores for the X plan period.

(e) The data obtained from the meteorological parameters are used for weather forecast. The data along with other parameters obtained from satellite are also used for forecasting of sea state. The information oon sea state is useful for shipping activities. The chlorophyll data proposed to be obtained from the buoys will be used for validation of similar data obtained from the satellite. Chlorophyll is one of the additional inputs needed for improvement of Potential Fishing Zone information which provides the details of locations of abundance of pelagic fish in the iIndian seas.